

## Recombinant Cynomolgus IGF1R protein, His-tagged

Cat. No. IGF1R-1399C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus IGF1R protein(G7P9I7)(Glu31-Asn908), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Cynomolgus
<b>Source</b>	C-His
<b>ProteinLength</b>	Glu31-Asn908
<b>Tag</b>	C-His
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	Immobilized Cynomolgus IGF1R, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-IGF1R Antibody, hFc Tag with the EC50 of 17.2ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 101.16 kDa. Due to glycosylation, the protein migrates to 48-58 kDa (beta subunit) and 100-115 kDa (alpha subunit) and 130-150 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.

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**Storage**

Valid for 12 months from date of receipt when stored at  $-80^{\circ}\text{C}$ .;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at  $4^{\circ}\text{C}$  before opening to recover the entire contents.

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